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CLASSIFICATION

SECURITY INFORMATION

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CENTRAL INTELLIGENCE AGENCY

REPORT NO.

**INFORMATION REPORT**

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COUNTRY East Germany

DATE DISTR 1 May 1953

SUBJECT Funkwerk Koepenick  
Antenna Development and Construction

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THIS IS UNEVALUATED INFORMATION

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SOURCE

1. Dr. Erich Schuettloeffel has established a large laboratory for the development and construction of antennae in the new Department for the Development of Small Devices (Kleingeräte) of Area I (Transmitter Research and Development) of the Development Division of Funkwerk Koepenick. The Department was founded in January 1953 and supervised by Wilhelm Grimm. Schuettloeffel, as well as Grimm, are 1952 returnees from Russia.
2. Schuettloeffel's laboratory is at present engaged in the development of the following types of antennae:
- (a) Medium wave antennae for the transmitters of this range under development and/or construction in the works, for instance, the 240 kW "twin" transmitters;<sup>1/</sup>
  - (b) Short-wave antennae with special directional devices;
  - (c) Ultra-short-wave antennae for the 100 MHz transmitters of 5 and 10 kW now under construction in the works.<sup>2/</sup> These are antennae of the Doppelschlitzrohr type;
  - (d) Antennae for ship transmitters under construction in the TMI department (Construction of Ship Transmitters, headed by (fmu) Mittag) of the works;
  - (e) Antennae for the 5 to 10 centimeter range to be used for the impulse transmitters under development in the laboratory for "active navigation" (TMI 3), headed by (fmu) Nowack.<sup>3/</sup>

3. The importance attached to Schuettloeffel's work is indicated by the fact that he is among the highest paid employees of the works (2,800 DM per month). He is recognized as an expert with long-standing experience in the development and construction of antennae. He is a hunchback and shy in his association with others. He is not a Communist. The main reason for his prolonged stay in East Germany is that he does not want to leave his father who owns about 40 acres of land.

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1/  Comment. See 2/  Comment. See 3/  Comment. The frequency designations in this report are those used in Germany.

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